
Subject: Re: Unable to open pty: No such file or directory

Posted by [mhw](#) on Sun, 30 Nov 2008 20:11:29 GMT

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You don't say what distribution you are running in that container. The fixes you pointed to are largely for rpm based guests, Fedora / RedHat / CentOS. All of those should have an `/etc/rc.sysinit` file (`/vz/root/101/etc/rc.sysinit` in the case of 101 seen from the host system). You would probably only see a `/sbin/udev_start` file if you had updated that container and yum had installed/updated the udev package. Neither of those files exist in an Ubuntu system, if that's what your guest is.

I found that the fix of commenting out the `udev_start` command in `/etc/rc.sysinit` less than reliable simply because an update may replace that script (rare but happens, especially during distro upgrades) and you don't find this out until after you reboot the container and get the exact symptoms you describe. I found it more effective to put an "exit 0" at the top of the `/vz/root/{$VE}/etc/udev/udev.conf` file (that's sourced by `start_udev` and causes the script to terminate). That shouldn't get overwritten by an update / upgrade. Which probably also doesn't help you if you're not running one of the rpm based distros. The `/etc/udev/udev.conf` file does exist on Ubuntu but I don't know what impact adding the "exit 0" at the top will have.

If you are running Debian / Ubuntu or Slackware, you'll have to figure out how they are handling udev. I see it running on one of my Ubuntu systems but that system has neither `/etc/rc.sysinit` or `/sbin/start_udev`. It's started somewhere else. But I don't run apt based guests on my OpenVZ engines.

What I find strange is your claim that you have to reboot to fix this. That doesn't make sense if it's the udev problem described in those other links. Udev starts at boot and you should immediately fail trying to enter right after boot. The symptoms that those other fixes were addressing was getting that error after rebooting following an update. When does this problem occur? Immediately? Shortly after boot? After a few days? If you can get in right away after boot, see if and when udev starts and keep that shell open until things fail and you can't start new shells. The old shell should be still connected.

The problem with MAKEDEV is that `/proc/devices` is not showing up in the VE `/proc` directory. I see that on my systems as well. Not sure what the solution there is but I haven't needed MAKEDEV after disabling udev.

Oh... And the fact that `vzctl` is saying "enter into VE 102..." instead of "entered into CT 102" probably means you need to update your utilities. Just as a WAG. I think that change in nomenclature is fairly recent.